



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
He et al.

Docket No.: PF140C2

Application No.: 09/895,263

Group Art Unit: 1644

Filed: July 2, 2001

Examiner: Phuong N. Huynh

For: Antibodies to Interleukin-1 Beta Converting
Enzyme Like Apoptosis Protease-3 and 4 (as
amended herein)

VERSION WITH MARKINGS TO SHOW CHANGES MADE

In the specification:

The Title is amended as follows:

Antibodies to Interleukin-1 Beta Converting Enzyme Like Apoptosis Protease-3 and 4

In the claims:

Claims 40-41, 53, 73-74, and 87 are amended as follows:

40. (Once Amended) The antibody or fragment thereof of claim ~~32~~ 31 that specifically binds protein (a) and protein (b).

41. (Once Amended) The antibody or fragment thereof of claim ~~36~~ 31 that specifically binds protein (e) and protein (f).

53. (Once Amended) An isolated antibody or fragment thereof obtained from an animal that has been immunized with a protein selected from the group consisting of:

(a) a protein comprising the amino acid sequence of amino acid residues 1 to 303 of SEQ ID NO:2;

(b) a protein comprising the amino acid sequence of amino acid residues 2 to 303 of SEQ ID NO:2;

(c) a protein comprising an amino acid sequence of SEQ ID NO:2 consisting of at least 30 contiguous amino acid residues of SEQ ID NO:2;

(d) a protein comprising an amino acid sequence of SEQ ID NO:2 consisting of at least 50 contiguous amino acid residues of SEQ ID NO:2;

(e) a protein comprising the amino acid sequence of amino acid residues 1 to 277 of SEQ ID NO:4;

(f) a protein comprising the amino acid sequence of amino acid residues 2 to 277 of SEQ ID NO:4;

(g) a protein comprising an amino acid sequence of SEQ ID NO:4 consisting of at least 30 contiguous amino acid residues of SEQ ID NO:4; and

(h) a protein comprising an amino acid sequence of SEQ ID NO:4 consisting of at least 50 contiguous amino acid residues of SEQ ID NO:4;

wherein said antibody or fragment thereof specifically binds to said amino acid sequence.

73. (Once Amended) The antibody or fragment thereof of claim ~~65~~ 64 that specifically binds protein (a) and protein (b).

74. (Once Amended) The antibody or fragment thereof of claim ~~69~~ 64 that specifically binds protein (e) and protein (f).

87. (Once Amended) An isolated antibody or fragment thereof obtained from an animal that has been immunized with a protein selected from the group consisting of:

(a) a protein comprising the amino acid sequence of the full-length polypeptide encoded by the cDNA contained in ATCC Deposit Number 75875;

(b) a protein comprising the amino acid sequence of the mature form of the polypeptide encoded by the cDNA contained in ATCC Deposit Number 75875;

(c) a protein comprising an amino acid sequence of the polypeptide encoded by the cDNA contained in ATCC Deposit Number 75875 consisting of at least 30 contiguous amino acid residues of the polypeptide encoded by the cDNA contained in ATCC Deposit Number 75875;

(d) a protein comprising an amino acid sequence of the polypeptide encoded by the cDNA contained in ATCC Deposit Number 75875 consisting of at least 50 contiguous amino acid residues of the polypeptide encoded by the cDNA contained in ATCC Deposit Number 75875;

(e) a protein comprising the amino acid sequence of the full-length polypeptide encoded by the cDNA contained in ATCC Deposit Number 75873;

(f) a protein comprising the amino acid sequence of the mature form of the polypeptide encoded by the cDNA contained in ATCC Deposit Number 75873;

(g) a protein comprising an amino acid sequence of the polypeptide encoded by the cDNA contained in ATCC Deposit Number 75873 consisting of at least 30 contiguous amino acid residues of the polypeptide encoded by the cDNA contained in ATCC Deposit Number 75873; and

(h) a protein comprising an amino acid sequence of the polypeptide encoded by the cDNA contained in ATCC Deposit Number 75873 consisting of at least 50 contiguous amino acid residues of the polypeptide encoded by the cDNA contained in ATCC Deposit Number 75873;

wherein said antibody or fragment thereof specifically binds to said amino acid sequence.